

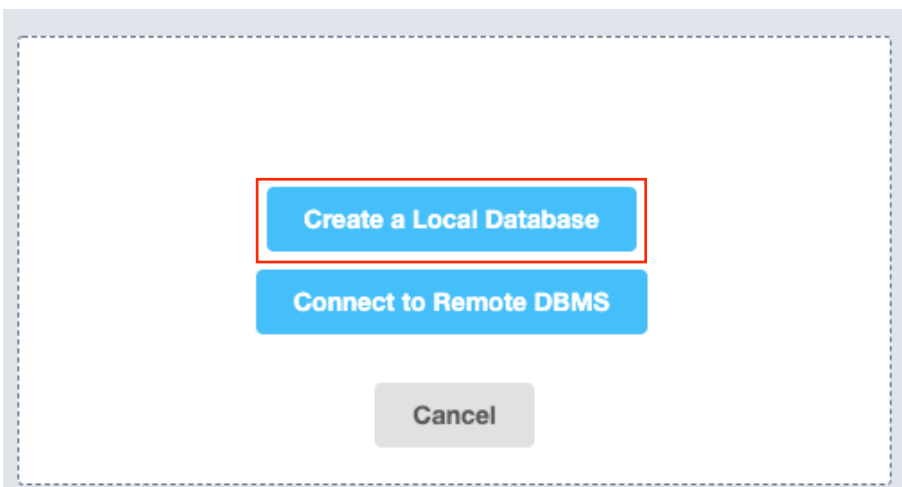
Neo4J and APOC configuration

Create a Local Database

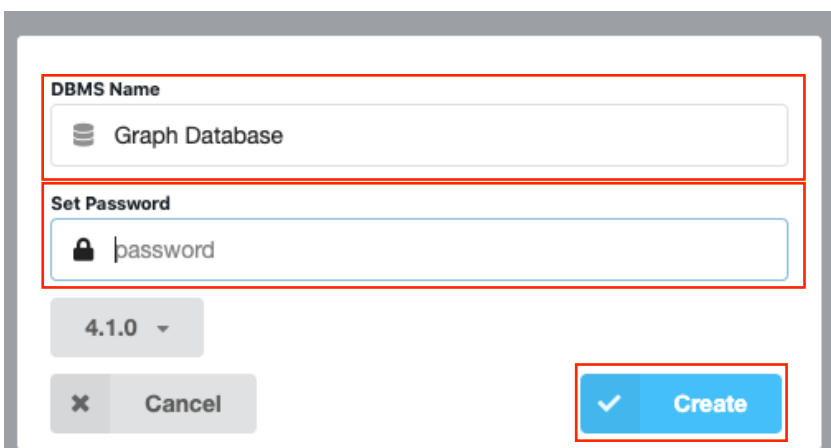
Step 1: Click Add Database.



Step 2: Click Create a Local Database.

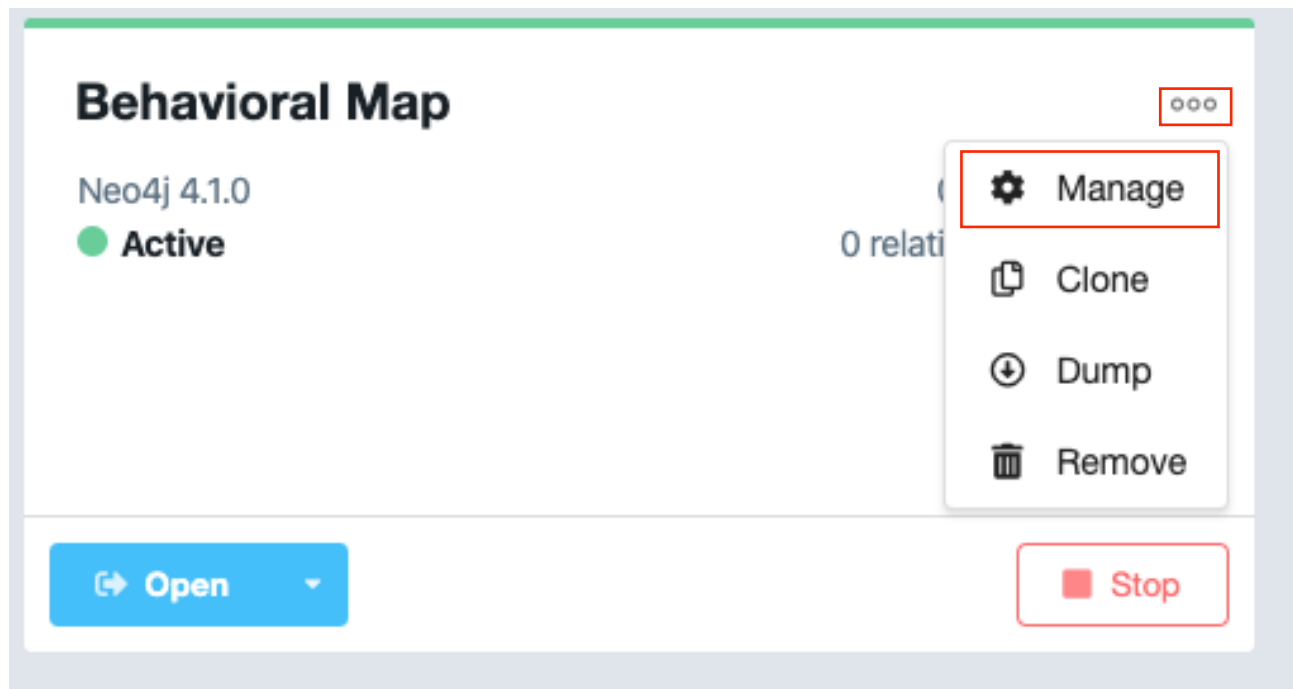


Step 3: Enter a name and password for the database. Click the Create button.

A screenshot of a dialog box for creating a local database. It has a white background and a gray border. At the top, there is a section labeled "DBMS Name" with a text input field containing "Graph Database". Below this is a section labeled "Set Password" with a password input field containing "password". At the bottom left, there is a dropdown menu showing "4.1.0". At the bottom right, there are two buttons: a gray "Cancel" button and a blue "Create" button with a checkmark icon. The "DBMS Name" and "Set Password" sections are highlighted with a red rectangular box. The "Create" button is also highlighted with a red rectangular box.

Installing and configuring APOC on Neo4J.

Step 1: Click the button  and then click Manager.



Step 2: Click on the Plugins tab. And then find APOC plugin like in image bellow ad click on



< Project

• Behavioral Map

▶ ◻ ↺ ◻ Open Folder >... Open Terminal

Details Logs Settings **Plugins** Upgrade Administration

APOC
4.1.0.1

The APOC library consists of many (about 450) procedures and functions to help with many different tasks in areas like data integration, graph algorithms or data conversion.

[GitHub](#)

Install

Graph Data Science Library
1.3.0

The Neo4j Graph Data Science (GDS) library provides extensive analytical capabilities centered around graph algorithms. The library includes algorithms for community detection, centrality, node similarity, path finding, and link prediction, as well as graph catalog procedures designed to support data science workflows and machine learning tasks over your graphs. All operations are designed for massive scale and parallelisation, with a custom and general API tailored for graph-global processing, and highly optimised compressed in-memory data structures. WARNING: The Graph Data Science library is NOT compatible with the Graph Algorithms library - only one plugin should be installed per database.

[GitHub](#) [Documentation](#) **Install**

Graph Algorithms

This is the Neo4j Labs plugin, containing implementations of common graph algorithms in Neo4j. This should be used alongside the book "Graph Algorithms: Practical Examples in ", Apache Spark and Neo4j or with the Graph Algorithms Playground (NEuler) GraphApp. WARNING: The Graph Algorithms library is NOT compatible with the Graph Data Science library - only one plugin should be installed per database.

[Documentation](#)

GraphQL

This is a GraphQL-Endpoint extension for Neo4j. Based on your GraphQL schema, it translates GraphQL Queries and Mutations into Cypher statements and executes them on Neo4j. It offers both an HTTP API, as well as, Neo4j Cypher Procedures to execute and manage your GraphQL API.

[About](#) [GitHub](#)

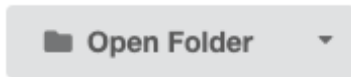
Neo4j Streams

Neo4j Streams provides integration between Neo4j and Kafka, allowing users to consume messages from any topic in Kafka, and also to produce database changes out to kafka as messages on topics.

[GitHub](#) [Documentation](#)

3

Step 3: Find the



and clique the option Configuration.

< Project

Behavioral Map

Open Folder Open Terminal

Details Logs Settings Import Plugins Upgrade Administration

APOC 4.1.0.1 ✓ Installed

The APOC library consists of many (about 450) procedures and functions to help with many different tasks in areas like data integration, graph algorithms or data conversion.

Configuration

Uninstall

GitHub Documentation Install

Graph Data Science Library 1.3.0

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GitHub Documentation

Step 4: Now copy the apoc.conf file available in the folder Neo4J APOC Configuration to the folder opened in the previous step.

Step 5: Restart the database using the button



, see image bellow.

< Project

Behavioral Map

Open Folder Open Terminal

Details Logs Settings Plugins Upgrade Administration

Restart